

HAPPY HOLIDAYS and A GREAT 1985 from BADGER STATE
SMOKE SIGNALS - K9EN, WB9UQT, AND K9ZZ!!



BADGER STATE **Smoke Signals**



Serving Amateur Radio in Wisconsin

Published Monthly Since 1969

Vol. 14 No. 12 - 180th Consecutive Monthly Issue - Baraboo WI - December 1984



At the WNA Picnic, held in September near Wisconsin Rapids, Wisconsin Section Manager Roy Pedersen, K9FHI, was honored by Badger State Amateurs for his tireless dedication to our hobby. Here he is (center), with Denny, K9LGU, at left, and Roy's YF Beryl, KA9BAC, on the right. The plaque is on the right. Photos by Gene Santoski, K9UTQ.



IN APPRECIATION OF HIS TRUE
DEDICATION AND UNSELFISH DEVOTION
TO ALL ASPECTS OF AMATEUR RADIO
IN THE STATE OF WISCONSIN
BY HIS OUTSTANDING SERVICE
AS SECTION MANAGER.
THIS PLAQUE IS AWARDED TO
ROY A. PEDERSEN
K9FHI
WITH THE HEARTFELT THANKS OF
THE RADIO AMATEURS OF WISCONSIN
SEPTEMBER 1984
WISCONSIN NETS ASSOCIATION, LIMITED

Badger State Smoke Signals supports: The American Radio Relay League (ARRL) - The Wisconsin Nets Association (WNA) - The Wisconsin Association of Repeaters (WAR) - The Amateur Radio News Service (ARNS)
GEARVAKF (The 'F' is silent)

NEXT MONTH... WE SALUTE THE WISCONSIN NETS ASSOCIATION ON 25 YEARS... AND A MAJOR WISCONSIN CLUB JOINS BADGER STATE!

Badger State Smoke Signals

Officers:

Ken Ebnetter, K9EN, Chairman
 Jim Romelfanger, K9ZZ, Editor
 Jim Decker, WB9UQT, Treasurer

Send editorial material and
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Jim Romelfanger, K9ZZ, Editor
 301 1/2 7th St.
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 Jim Decker, WB9UQT, Treasurer
 P.O. Box 337
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Send address corrections and
 changes to:

Kenneth A. Ebnetter, K9EN
 822 Wauona Trail
 Portage, Wisconsin 53901

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CLUB MEETINGS:Central Wisconsin Radio Amateurs:
(Stevens Point)

CWRA LTD club meeting will be held
 on Dec. 12, 1984 at the UWSP
 Science Building.

Kettle Moraine Radio Amateurs:

All meetings are held on the
 SECOND (2nd) Friday of each month.

Madison Area Repeater Association

The 1984 Christmas party has been
 booked for Monday, December 3rd,
 at the Hilltop Inn between Cross
 Plains and Pine Bluff. Cost:
 \$7.50 per person. Don't forget to
 bring an exchange gift to the
 Christmas party!!! Send reserva-
 tions by December 1 to Clyde
 Downing, W9HSY, MARA, P.O. Box
 3403, Madison, Wisconsin 53704.

The first meeting of the new year
 and the election meeting will be
 held on Monday, January 14th.

SWAPFESTS AND OTHER SOCIAL EVENTS

The 13th Annual Midwinter Swapfest
 sponsored by the West Allis Radio
 Amateurs Club will be held on Saturday,
 January 12, 1985, beginning at 8:00 am
 in the Waukesha Exposition Center,
 Highways F & FT, Waukesha, WI. Res-
 erved tables: \$3.00. (Reservations ac-
 cepted through Dec. 31, 1984.) Non-
 reserved tables: \$4.00. (first come -
 first served.) Admission: \$2.00 ad-
 vance, \$3.00 at the door. Free coffee
 and donuts. Reservations (with
 s.a.s.e.) to: WARAC SWAPFEST, P.O. Box
 1072, Milwaukee, Wisconsin 53201.

The Wheaton Community Radio Association
 will conduct their annual Hamfest at
 Arlington Park on Sunday January 20,
 1985. For general information
 telephone: (312) 231-7497.

As a service to our readers, this
 section of Badger State Smoke Signals
 is available without charge to list
 your upcoming Swapfest, Hamfest, din-
 ner, picnic, party or other event of
 interest to Radio Amateurs in Wisconsin
 and nearby areas. Send information on
 your event to Kenneth A. Ebnetter, K9EN,
 822 Wauona Trail, Portage, WI 53901.

Milwaukee Radio Amateurs Club:

The annual Christmas and Old
 Timers party will be held Thursday
 December 6, 1984, at the Pabst
 Blue Ribbon Hall. (Reservations
 required.)

All regular meetings of MRAC
 scheduled for 1985 at Wauwatosa
 Savings and Loan Building, 7500
 West State Street, will be held
 on the second Thursday of the
 month.

1985 meetings will be Jan. 10,
 Feb. 14, Mar. 14, Apr. 11, May 9,
 Jun. 13, Sep. 12, Oct. 10, Nov.
 14.

West Allis Radio Amateurs Club

Regular meetings are held on the
 second Tuesday of each month at
 St. Francis Savings, 9330 W.
 Greenfield Ave., at 8:00 P.M.

The Wisconsin Valley Radio Association
(Wausau)

Holds regular monthly meetings on
 the first Tuesday of the month at
 7:30 p.m. The location varies,
 but information is available on
 the 146.04/64 repeater in Wausau.

Yellow Thunder Amateur Radio Club: (Baraboo, WI)

All regular meetings of YTARC are held in room 34 of the Baraboo Civic Center.

The next meeting will be Thursday, December 13. This will be the annual election of officers and Christmas Party.

Let us know of your club meeting dates, and we will let others know of your meetings and activities. There may be Amateurs in your area interested in joining your club, or members of other clubs interested in making an interclub visit.

MISCELLANEOUS MISCELLANEOUS MISCELLANEOUS
Oh what the heck -- items of interest:

Central Wisconsin Radio Amateurs Ltd. (Stevens Point) WATTS SNOO

As most of you know by now, one of our club members became a silent key. Roland Lupient, KB9RR, passed away on October 18. Our prayers go out to Rol and his family. He will be missed by all.

Four Lakes Amateur Radio Club THE FEEDLINE

The annual banquet will be held at the TOP HAT in Middleton on Saturday, January 26.

The current novice class is drawing to an end and another series will be starting near the end of January.

Green Fox Amateur Radio Club (Green Lake) FOXTALES

The following officers were recently elected to club office:

President	- Wally	- KC9WQ
V. President	- Steve	- WB9ZRE
Secretary	- Ken	- W9ITW
Treasurer	- Mac	- N9CXX

In addition, volunteers were accepted for the following committees:

Program Committee	- Al	- N9EDV
	Jack	- KB9WC
TVI Committee	- Ken	- W9ITW
	Steve	- WB9ZRE
	Jack	- KB9WC
	Clarence	- WA9YVC

Wally, KC9WQ, is back on the repeater. Wally's newest acquisition is an Icom 27H to put in his new Honda Accord. Amateur Radio License plates too!

John, KD9GD, has one of those new fangeled hand-held scanners that can receive just about anything.

Clarence, WA9YVC, is packing his gear in the auto for his trek south.

Kettle Moraine Radio Association KETTLE DRUMS

According to Treasurer, Sandy Dziubek, WB9LLZ, our Swapfest was another success.

At a meeting on Oct. 16th, KMRA and the W-K ARC signed the articles of war! This season is to be a battle of contests between the two clubs. Five contests were selected for competition and the club amassing the largest aggregate score will be toasted with free beer at the surrender ceremony next summer. All members are invited to take part and all members are invited to the picnic at the end.

Bo Brock, K9OSC one of our grand members took on City Hall and beat them at their own game. According to the building inspectors in Waukesha, no structure including antenna towers shall exceed 2 and 1/2 stories or 35 feet in height. But apparently they weren't reading far enough into their Zoning Code books. According to what Bob found there is an height exception for radio towers, masts and aials.

Madison Area Repeater Association MARA NEWSLETTER

MARA Christmas Party will be December third at the Hilltop Inn near Cross Plains.

Members are urged to pay their dues early to help with the current financial crisis.

The new antenna is now in service on the tower at channel 15. This should help our radiation pattern. Our emergency power systems are all working OK as they got a good workout on the day of the SET.

Tri-County Amateur Radio Club

Club members should be sporting new club jackets shortly.

Carl, KW9W, will provide the entertainment for the Christmas Party in the form of a hot air balloon tape and the W5LFL video tape.

Wisconsin Nets Association

For news of the WNA see the WNA section of Smoke Signals.

West Allis Radio Amateurs Club

HAMTRIX

"Ollie", W9FJE, underwent surgery on his left knee on October 17th. He should be home recuperating by the time you read this. We wish Ollie a speedy recovery.

Ray Flanigan, WD9HTF, is taking it easy for a while before going back to work following his heart trouble. With help from Mike Povlich and Dave Englmann, Ray now has his tower and antenna system completed - twin 11's on two meters.

There was a good member turnout for the October election meeting. The following people were elected to office by those present:

President	Dave Knaus,	WA9POV
V. President	Les Peterson,	W9YCV
Secretary	George Schlessinger,	K9ILV
Treasurer	Ron Hooker,	K9WTF
Directors	Ron Gorski,	N9AU
	John Zach,	K9IAC

Ron Gorski, N9AU, was also elected Board Chairman at the October Board meeting. Congratulations to all!

Yellow Thunder Amateur Radio Club, Inc.

For news of the YTARC see the YTARC section of Smoke Signals.

Our thanks to the above mentioned clubs and their bulletins for the information presented. Badger State Smoke Signals will be pleased to exchange bulletins and information with your club. Please contact K9ZZ or K9EN.

THE TEST POINT

From HAMATEUR CHATTER

The Milwaukee Radio Amateurs Club has Amateur Radio license examinations scheduled as follows:

Wednesday, December 12, 1984, 7:00 PM
Saturday, December 15, 1984, 9:00 AM
Saturday, February 9, 1985, 9:00 AM

All of the above exams will be conducted in Room 256 at Wauwatosa East High School, 74th & Milwaukee Avenue. Use east (74th Street) entrance.

It has become apparent that we, like other core groups, will have to schedule persons wanting to take the exams, so that we can avoid overloads, and if necessary, we can cancel an exam.

To this end, we will require that persons desiring to take a test, file with us as follows:

Please file on a Postal System post card (13c) mailed to:

Harry A. Cieszki, KD9AJ, MRAC Sec'y
3760 South 43rd Street #21
Milwaukee, WI 53220

PLEASE NO PHONE CALLS

PLEASE PRINT on the reverse side of the card listing the grade of license you are applying for, your name, address, including Zip Code, and your telephone number. PLEASE PRINT

As the cards are received they will be numbered sequentially, and if we receive more applicants than we can handle for a given test date, you will be notified and must file a new post card for another of the schedule dates. This is a 'first come, first served' system. If, for any reason we have to cancel a test session, you will be notified and should file again for one of the scheduled dates.

On your test date, you must appear at the appointed starting hour, or not more than 1/2 hour after that time, so that we can process your exam that day.

When you appear for a test please be sure you have with you a photocopy of your license and four dollars for the exam fee. We will supply you with the 610 form and assist you in properly filling it out.

This section of Badger State Smoke Signals is available to publicize your Volunteer Examiner Amateur Radio license examination schedules.

Please send us your schedules of dates, times and locations that you will be conducting examinations and we will include the information here. Information should be sent to K9EN or K9ZZ at the address shown on page 2.

Badger State Congratulates Stu Gurske, K9EYV, on having several articles accepted for publication in Ham Radio Magazine! Stu operates the Hawk Hill Repeater near Lodi on 147.825 MHz, transmit down.

"How do you want your hair cut?" asked the barber.
"Just like my Dad's," the small lad answered. "leave a small hole on the top." --Union Grove Sun.

WISCONSIN NETS ASSOCIATION LTD.WISCONSIN NETS

NET	WNA	FREQ	UTC	CST	MANAGER
BWN	YES	3984	1200Z	0600	WD9IID
BEN	YES	3985	1800Z	1200	WB9ESM
WSBN	YES	3985	2330Z	1730	WA9ZTY
WNN	YES	3723	0000Z	1800	KA9DBP
WSSN	YES	3645	0030Z	1830	KC9CJ
WIN-E	YES	3662	0100Z	1900	WB9ICH
WIN-L	YES	3662	0400Z	2200	KC9CJ
NWTN	YES	34/94	0030Z	1830	N9BDL
WCWTN	YES	31/91	0030Z	1830	N9AUG
GR.BAY	NO	72/12	0245Z	2045	WB9NRK
			THU	WED	
WRN	NO	3625	0300Z	2100	K9UTQ
		RTTY Mon. Wed. Fri. UTC			
		Sun. Tue. Thu. Local time			

NORTHWOODS TRAFFIC NET (NWTN) REPORT:

From Carl J. Lindstrom, W9JSF
Net Manager, NWTN
110 Woodland Heights Manor
Rhineland WI 54501

It's nice to be able to report to readers of BSSS on the recent activities of the Northwoods Traffic Net.

At the end of October, Lee Andreas, N9BDL, wrapped up his duties as Net Manager, after a most successful term in that appointment.

Under Lee's leadership, the net has developed a good ratio of traffic handling, and the spirit of good fellowship has made active participation attractive. We look forward to Lee's service as our Friday Net Control, and his regular presence on the net. Best wishes, Lee, as you take over as NM for the WSSN.

From January through October of 1984, we had 4264 checkins. This is slightly less than in 1983, but the good news is that, during the same period, our ratio of traffic handling was up by 60 messages cleared. Since NWTN is a traffic net, this reflects credit on every member of the net, and all I can say is "That and better will do."

Many of our NWTN members participated recently in a highly successful SURPRISE Simulated Emergency Exercise here in Oneida County. Congratulations to Bill Priebe, K9BTP, our ARES Coordinator, and Tuesday Net Control, and to all who took part. This was a worthwhile exercise in preparedness.

All of our fine Net Control Stations, and all net members, are making our net a really rewarding activity. I will do my best as Net Manager to help keep it that way!

To every reader of BSSS, the members of NWTN extend our best wishes for a "VERY MERRY CHRISTMAS" and "A HAPPY NEW YEAR."

When you are in our area, we invite you to join us on 146.94 (transmit -600 KHz) at 6:30 p.m. Central time, daily.

-73, Carl, W9JSF

SECTION TRAFFIC MANAGER

Gene Santoski, K9UTQ
1220 18th Street South
Wisconsin Rapids, WI 54494

Greetings to all:

Guess I am past due for a blurb in Smoke Signals so here goes.

First of all, I want to remind everyone of the existence of the Wisconsin Teletype Net which went on the air on October 8th. It has been going along ok but I am somewhat disappointed by the lack of stations participating. There are about 4 or 5 regulars at each session, but I know there are many more out there with RTTY capability that are involved in traffic handling on other modes. Perhaps the meeting time is bad. I am open to suggestion on that item.

Band conditions have not been the best of late and, as a result, there have been a few sessions running short in time, due to not hearing (printing) anyone. I also have to confess to having forgotten to be there myself a couple of times... getting old I guess. At any rate, those of us who have been active on this new net have had lots of fun at it, and we have even passed some traffic!! Due to interference by an MSO on 3620, I have changed the operating (mark) frequency to 3625.

Help spread the word about the WTN and get involved yourself. I am looking for a Net Manager and Net Control stations.

By the way, the net meets on Sundays, Tuesdays and Thursdays at 9 PM. This schedule will remain in effect until the end of the year. If activity does not increase before then, the net will be abandoned. If it picks up, more sessions will be added and more NCS will be needed.

We are looking pretty good insofar as net statistics go. As of the end of October, they look like this:

Sessions: 2,678
 Checkins: 46,741
 Tffc Off: 24,609
 Tffc Clr: 23,188
 Time(min) 81,615

The above data is very commendable to all who support and participate in our net activities here in Wisconsin. The time works out to 1360 hours or 56.6 days of net time thus far in 1984. The percentage of traffic cleared works out to 94%. These stats compare very favorably with the previous two years - in fact, I think we are a bit ahead and there are 2 months left to add to these stats. Keep up the good work!!

The Sections standings as published in the recent League Officials Bulletin which some of you receive shows that the Wisconsin Section is holding its own nationally. In fact we moved up a notch from 4th place in 1982 to 3rd place in 1983. Only the Ohio and Southern Florida Sections lead us. This is a great testimony to the efforts by all involved in our nets. CONGRATULATIONS!!!

Net Managers, do not forget your responsibilities to report to me the SET activities of your respective nets. As of this writing, I haven't received any. As League NTS officials, you should have received the necessary reporting form (CD Form B). If you did not receive one of these yellow colored forms, let me know, and I will get one to you. Deadline for submitting the NM SET Report is January 31st.

While on the subject of reporting, some Net Managers are a bit lax in getting their summary sheets to me. Some of you have been up to 3 months in arrears on this matter. Let's try to improve on this. Your cooperation is much appreciated. Remember, the monthly net totals are to be sent to me no later than the 7th of the month following the month being reported. I have to get the information compiled and sent to ARRL by the 10th, and I don't particularly enjoy doing this at 10 PM on the 9th.

Till next time, CU on the nets.

73, Gene, K9UTQ, Wisconsin STM

 A man claims that he just bought a town house for a price that, a hundred years ago, would have paid for the town.

FROM THE SECTION MANAGER:

Rich Regent K9BDF
 5003 South 26th Street
 Milwaukee WI 53221

Working with the news media? Ask Public Information Officer K9ZZ for a free packet of Amateur Radio promotional literature. Make a New Years' resolution to participate in the 1985 Wisconsin QSO Party or to help a newcomer in Amateur Radio.

All clubs please make sure that your correct mailing address is on file at ARRL Headquarters, and with Affiliated Club Coordinator AE9K. Interested in tracking RFI, being an Official Observer, or qualifying as an Auxiliary Monitoring Station? Then check with DU/RFI Coordinator KA9IKR.

Kettle Moraine Radio Amateurs' Hamfest had good turnout, despite fog and drizzle. K9BDF's ARRL information table at KMRA was assisted by K9EN. New officers W/K Amateur Radio Club, Pres. WA9TZE; Sec./Treas. KD9ET. New officers Greater Milwaukee DX Association, Pres. K99K; V. Pres. N9AU; Sec./Treas. WD9JKZ.

Milwaukee RAC to have Volunteer Examinations on December 12 and February 9; postcard with all your particulars to Harry A. Cieszki, KD9AJ.

Welcome KA9OCK, new Roak County EC. Jackson County EC KB9WK retires after many years of FB volunteer work. Milwaukee ARES supplied several pages of info for new ARRL EC Handbook. SEC W9OAK has sent updated EC list to all ECs, DECes, and Leadership Appointees. If you have no EC in your County, please contact W9OAK with your recommendations.

KA9DBP wins the 1984 Ragchew Championship, having six-hour QSO with WD8LDY. KR9D also knows American Morse Code. N9AW completes 5BDXCC. ROBOT RS7 QSL finally received by W9YCV for QSO one year ago. (Your Editor had ROBOT QSO three years ago; no QSL, k9zz)

Silent Key: Nile E. Brusius, W9ZBJ

K9LBU, Denny, has completed over 12 continuous years as Net Manager for the Wisconsin Intrastate Net (late session). Denny deserves to be congratulated for sifting through all those 4,400 session reports to produce over 150 monthly WIN/L reports, all accurate and on time.

Wisconsin RTTY traffic net, (3625 KHz. Sunday, Tuesday, & Thursday at 9:00 P.M.) the brainchild of STM K9UTQ, had its first session October 7th, check-ins were K9UTQ/NCS, W9CBE and W9ZBD,

with K9GDF and KA9DBP on CW. W9CBE, Hale, copies CW traffic with typewriter fed by a roll of continuous paper. Hale only stops when his typewriter ribbon gets a hole and needs to be changed. KA9CPA again achieved the BPL award for this month. He's so far out in front that we may forget he's still in the race!

D9RN had 453 messages in 1270 minutes, Wisconsin had 100% representation with N9BGE, W9IEM, WA9WYS, KA9CPA, W9CBE and KA9DBP - Dale WA9JTE, D9RN Manager.

9RN Cycle 4 had 398 QNI with 519 messages, 902 minutes in 63 sessions, Wisconsin had 92% representation with N9BYK, W9CBE, W9CXY, K9GDF, WB9ICH, W9LSR, KA9DBP, K9UTQ and W9YCV - Peggy W9JUU, Net Manager.

CAND had 848 messages in 31 sessions, D9RN representatives 100%, Wisconsin stations N9DZ, WB9TKE, N9BGE and W9IEM - Jerry WSKLV, CAND Net Manager.

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EXERCISE NIGHT TANGO ONE MAN'S EXPERIENCE:

From Dave Birdsall, N9BYK
5322 Russett Road
Madison WI 53711

At the WNA Picnic in early September, I was approached by K9GDF, who had an unusual request. Rich was looking for "good" operators and a good station in the Madison area. He needed someone "reliable" and whose station could be counted on, even with poor band conditions. Living in Madison, and having access to the University club station W9YT, I readily accepted Rich's request.

The activity turned out to be Exercise Night Tango VI. This is held by the National Communications System, a branch of the U.S. Government.

An information packet that came in the mail a day before the event listed some of the agencies in the NCS. They include the departments of: State, Defense, Commerce, Interior, and others, as well as the FAA, CIA, FEMA, NSA, NASA, and the Joint Chiefs of Staff.

Night Tango is a regularly-held exercise to test volunteer forms of communication which might be used in time of national disaster or crises. The Amateur Radio Service was pitted against all the branches of MARS, as well as CAP.

To say I was nervous is an understatement. Hams had to be the independent

underdogs. With such a weighty outcome, dealing with such uncertainties as band conditions and unknown operators made me queasy. Fortunately, I had an excellent station at my disposal, and a good friend and capable operator Rich Bann, KA0BZK.

The exercise was a two-parter, held the evening of September 27 and the afternoon of September 29. Our task was to send 3 messages out, using standard ARRL format, and not exceeding our FCC privileges. There were to be 3 incoming messages to Madison. We had no control over those.

The evening of September 26, I received a phone call from Keith Young. He represented "The Government", and was flown into Madison. We had a pleasant introduction, and he answered several questions.

The day had arrived! Rich and I were both quite nervous, but we had a good plan of attack. An ARRL Net Directory was invaluable. We planned to check into local nets, if need be, to eliminate delays in the NTS. If no nets were available, we would try 40 and 75 meter SSB. This turned out to be a winning combination.

At 2304Z, we received a telephone call from Keith, and originated our first message. It was going to Washington, D.C. The Maryland and Virginia SSB nets were searched for, but not found. The MD-DEL-DC net was also tried. They all closed down shortly before the exercise began. Becoming frantic, we tried CW'ing on 20 SSB. With no luck, we hit 4RN at 2345Z.

On 4RN, there happened to be N4GHI in the D.C. area. He took our message at 2353Z, and another Night Tango message from someone else! At 0000Z, we hit WIN/E to look for any incoming messages. There weren't any.

At 0004Z, Keith called with another message, this one going to Savannah, GA. With no local nets to turn to, and 4RN being over, we tried CW'ing on 40 SSB. A few stations not close enough to Savannah answered us, but, at 0030, we hooked up with KK5M/4, who also happened to be in the exercise! At 0032, we took his message to Madison, and, at 0036, we sent him ours to Savannah. Incredible luck!

With some time on our hands, we looked for any incoming messages on 9RN/E at 0045, and the ISSB at 0055. Again, none were found.

At 0107Z, Keith called with his last message of the event, this one for Amarillo, TX. Again, there were no

local nets to hit. SRN was to begin their late session in over an hour. We hit 40 SSB to try our chances there.

With more incredible luck CW'ing, we hooked up with W4YID/5 on 40 SSB, who was also involved in the exercise. At 0130Z, we sent him our message. He had already sent his Madison message, and we inquired as to what route was used. It turned out it was sent to a Sun Prairie station, WB4FMI/9. Rich and I decided to make sure this message was delivered to Keith. The Callbook and telephone directory were consulted. Upon calling, we were informed that the operator was away at a night class, but would call us back.

Thank heavens, shortly after, he did. We gave him a better understanding of the exercise, and the importance of the message. He said he did not get the whole thing (conditions were bad) and was considering not delivering the message!

We asked him to read what he got. It was 95% complete. We gave him Keith's telephone number just to be sure, and he assured us it would be delivered.

At 0145, we hit CAN, looking for incoming messages. Believe me, it takes some nerve to check into a high speed CW net, saying you're not representing any net, and looking for test emergency messages! Incredibly, WD8LRT was also there and listening to our checkin. He had the Madison message coming from Washington. At 0153, we took it. At 0154Z, we telephoned Keith, delivered the message, and ended our part in the exercise.

In all, we sent out each of our messages in less than an hour of origination. In two cases, we were able to contact other operators in the exercise. Of the three incoming messages, we handled two, and were able to track down the third. It was a very busy three hours. The message going to, and coming from, Washington was transmitted by CW. When Keith was informed of this, he replied, "Well, I'll be damned!"

The next morning, I telephoned Keith with some comments and questions. He was still waiting for one Air Force MARS message. Speed, as well as accuracy, were being scrutinized by the various agencies.

One concern I had was the non-utilization of communication links, once they were established. Instead of sending a reply message upon receipt of one, this test had completely separated messages travelling along two separate paths. This is grossly inefficient, and would not happen in real situations. Keith

and I came to the agreement that it is the establishment of the communication link that is the difficult task. And, of course, once it is established, it can be used in two directions, not just one way (as in the exercise.)

During a single time frame, Night Tango sought to establish twice as many links as would truly be needed. Once this outlook of efficiency was explained, I was satisfied.

Keith would not send me any results or conclusions based on the exercise, but a nice certificate came in the mail the other day. Of course, I have no idea what happened in the second part. We can only hope that Amateur Radio did well as the maverick of the air-waves.

-73, Dave, N9BYK

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FCC LAUNCHES CALLSIGN STUDY

from The GEARVAK Bulletin

Mr. Knurled F. Lywheel, spokesperson for computer operations at the FCC, yesterday announced the start of a three-month study into new callsign allocations for the Amateur Service. "Following the trend of the past few years," he said, "we will be changing all callsigns into a format that makes it easier for the FCC computer." [a Univac model 1-A] The study will determine if binary, hexadecimal, or machine language callsigns will be easiest. A typical callsign like W1ABC will be changed to 101100010110, 6A33EB0, or !&#??X-@ depending on the system finally selected.

--N4GG

=====

ARRL BULLETIN NR 102 NEWINGTON CT

NOVEMBER 8, 1984

TO ALL RADIO AMATEURS

FCC has granted an ARRL request for an extension of comment time on PRB1, ARRL's request for a declaratory ruling preempting local zoning bodies from enacting overly restrictive antenna ordinances. The new deadline for filing is December 24. The Leagues original filing and instructions for filing your comments is available from ARRL HQ for an s.a.s.e. with 88 cents postage. Ask for PRB1 material. Send one original and four copies of your comments to the Secretary, FCC, Washington, D.C. 20554. The first page of your comments should include the heading, comments in response to PRB1.

YELLOW THUNDER AMATEUR RADIO CLUB, INC.

The November 14, 1984 meeting of the Yellow Thunder Amateur Radio Club, Inc. was held in room 34 of the Baraboo Civic Center. The meeting was called to order by President Art Kleefisch, W9WSS.

The following member were present for the meeting:

Art Kleefisch, W9WSS	Baraboo
Ken Ebnetter, K9EN	Portage
Jim Decker, WB9UQT	Baraboo
Harry Mayland, K9FFT	Baraboo
Peter Sweeney, WD9JIB	Reedsburg

The minutes of the previous session were accepted as printed in Badger State Smoke Signals.

The Treasurers report was presented by Treasurer, Jim Decker, WB9UQT, showing a balance in all accounts of \$226.77, of which \$180.00 is in the equipment reserve fund, and \$46.77 in the operating account. Bills for classroom and postage expenses were approved.

Communications and announcements:

The classes are continuing with two students making all sessions.

Brief items were read from Westlink Report and the ARRL Letter.

No old business:

New business:

Nominations for 1985 officers:

The nominating committee reported that the existing officers have shown a willingness to continue to serve for another year.

The existing officers were nominated for 1985 by Harry Mayland, K9FFT.

President: Art Kleefisch, W9WSS
V. President: Duane Grotophorst, KA9HKL
Secretary: Ken Ebnetter, K9EN
Treasurer: Jim Decker WB9UQT

Nominations will be open for additional nominations from the floor at the December meeting. Election will also take place at that meeting.

Door Prize: The drawing was for one dollar and was won by Ken Ebnetter, K9EN, who was present to claim his award. The prize is one dollar per meeting and accumulates untill a winner is present when their name is drawn (or as we have been doing lately, when Art's calculator finds their number in his random number program).

The meeting was then adjourned by President Art Kleefisch, W9WSS.

The formal program was not conducted, however the members present did discuss antennas (among other things) and look over some of the books and information that Ken Ebnetter, K9EN, had brought along for the program.

Respectfully submitted
Ken Ebnetter, K9EN, Secretary.

YTARC BIRTHDAZE

Only one YTARCer will be celebrating his birthday in December.

Jim Romelfanger, K9ZZ, December 6

Congratulations, Jim and many thanks for your work with YTARC and BSSS as YTARC Secretary for many years and Editor of Smoke Signals.

Upcoming YTARC meetings:

The Thursday, December 13, 1984 meeting will be held in room 34 of the Baraboo Civic Center at 7:30 p.m. This will be our annual election meeting to elect the officers for 1985. Nominations for office will be accepted before balloting. Be sure to come to nominate and vote for the persons who will be running your club next year. This will also be our annual Christmas Party with goodies and a good time for all. Be sure to bring a small gift to exchange.

The 1985 meeting dates are being set with the Civic Center and will be announced in the next issue of Smoke Signals.

From THE ARRL LETTER 11/08/84

Dick Baldwin, W1RU, IARU President, is just back from two weeks in China, where he and his wife were the guests of the Chinese government. The occasion was the Sino-Japanese Friendship RDF Championships, held in Chengdu. The JARL sent a team of twelve foxhunters and a most successful contest was held. During the two-week period W1RU had an opportunity to operate extensively from BY1PK, BY1QH, BY8AA, and BT8CD. Propagation conditions didn't favor the U.S. but dozens and dozens of JAs, UAs, and VKs were worked. The Chinese Radio Sports Association, (the ARRL of China, if you will) is now an active member of IARU.

They will send a delegation to the IARU Region 3 Conference in Auckland in 1985 and a CRSA delegation will also visit the U.S. some time in the next year or so. WIRU reports that the Chinese hospitality was superb and that anyone who can visit China will see a nation on the move.

Following the tragic death of his mother Indira Gandhi by assassination, Rajiv Gandhi, VU2RG, has been named Prime Minister of India, continuing the dynasty begun by his grandfather, Jawaharlal Nehru. A Telex message of condolence was sent to VU2RG:

"On behalf of Radio Amateurs of the World, wish to express our deepest sympathy on the tragic death of your mother. You are in our thoughts at this difficult time. [signed] Richard L. Baldwin, W1RU, President, International Amateur Radio Union."

During Amateur Radio Week in Liberia (November 25 through December 1), Liberian Amateurs will use the special prefix 5L. This prefix will be in use for the rest of 1984. For example, the Liberia Radio Amateur Association headquarters (EL2RL) will sign 5L2RL.

From THE ARRL LETTER 11/20/84

In a letter dated November 8, 1984, NASA Public Affairs Director Frank S. Johnson, Jr. informed ARRL President Larry Price, W4RA, and AMSAT President Tom Clark, W3IWI, of the acceptance of the joint proposal for Tony England to operate from space. The text of that letter follows:

"As I am sure you will know, our respective staffs have been working hard over the past few months to implement the joint proposal of the American Radio Relay League and the Radio Amateur Satellite Corporation for amateur radio activities on the 51-F/Spacelab-2 mission in April 1985.

"We at Headquarters completed our review of the proposal in September, determined that the space program and the public would benefit from our cooperation and directed the Johnson Space Center to develop a plan for conducting the activity to assess its technical and operational feasibility.

"The Space Transportation Systems Program Office at JSC is progressing with its evaluation, and at this point we see no reason that we will not be able to meet most, if not all, of your objectives. As on STS-9, the process

of evaluating and testing experiment hardware and its interface with the rest of the orbiter continues until shortly before flight; and there always remains the possibility that we will discover some unexpected incompatibility or problem. We will continue to keep you fully informed of our progress.

"Recognizing the limitations we have in making a firm commitment at this time to the amateur activity on the 51-F mission, I nevertheless feel it is important that you begin arranging for the participation of schools and clubs as outlined in your proposal. I suggest you develop a preliminary list of candidate participants which JSC can assess relative to the planned orbital ground track and mission timeline. The final determination of participating schools and clubs will depend, in large measure, on the time available inflight for the astronauts to operate the amateur radio equipment and the communications coverage that is possible from the orbiter at these times.

"Please let me know if you have questions or any further suggestions on handling the project."

Although the letter states that 51-F is scheduled for April, long time NASA observers give little hope of that schedule being met. A problem with the protective tiles on the Challenger has thrown a monkey wrench into the entire shuttle schedule. 51-F could be delayed until July 1985 or later. We'll keep you informed as this story develops.

The ballots for ARRL Director and Vice Director were counted Tuesday, November 20. A star indicates the winners. (Unopposed candidates were declared elected by the Executive Committee on August 26.) Check WIAW for the complete results.

Central Division

Director:

Edmond A. Metzger, W9PRN*

Vice Director:

Howard S. Huntington, K9KM* (2924)

Kenneth A. Ebner, K9EN (1217)

I want to take this opportunity to thank all of the ARRL members who gave me their support in the balloting for Vice Director. A special thanks to those who signed my nominating petition and for the support from many club newsletters. -- Ken Ebner, K9EN

WE GET LETTERS:

Hey, Jim - I've got a gripe!

The WNA doesn't get enough space in BSSS. Correct me if I'm wrong, but I've seen it where ARRL Official's reports fill up WNA space. True, they are members, but this allows less room for net managers to get news and information to their net people.

If more space can't be given to NMs, perhaps just one League official per month would allow more room for specific net info.

I know if I were an NM right now, I wouldn't hesitate to use my own money to send out a one page blurb monthly to my active stations.

Communication is the lifeblood of organizations - and I've seen more than one Ham organization suffer and decay for lack of communication!

Otherwise, the content and format of BSSS is good, and I look forward to it each month.

-73, Dave

CHEES, DAVE, YOU GOTTA POINT! But, here's the poop:

All Wisconsin Section ARRL officials and all Wisconsin Section Net Managers are allowed four columns a year here in these hallowed pages. Space is not a factor.

The simple fact is that some NMs do not send reports, as do not some ARRL Section officials. As a matter of fact, there is at least one Section official from whom we have never heard, and there are some from whom we hear only rarely. The same is true for some NMs. Why they do not use this space is unknown to me, but the fact is, they just don't.

If it happens that we receive more information than will fill one or two pages, it matters not... we will print it. We have never cut any material for any reason at any time, and don't intend to.

If you haven't seen reports from your favorite net here, get on your NM's neck! The same goes for Section ARRL officials.

And, while I'm at it, if you are a Section ARRL official or NM, and you see a need for an extra column or two (or more), we will happily run it.. the space is here for you to use, and we want you to use it! We'd far prefer to

run more productive material than to run a bunch of fillers.

Some time back, I sent copies of our publication schedule, along with deadlines to all Section officials and NMs. For a while, columns came along at a decent and dependable rate, but they have dwindled down to a precious few. The space is still here, as it always has been, but we don't receive enough to fill it.

Last week was great... a column poured in!

To refresh your memory, here's my address:

Jim Romelfanger, K9ZZ
301 1/2 7th Street
Baraboo WI 53913
No Telephone

Hope that explains it, Dave... Thanks for writing, and for the FB article on Night Tango, too.

-jim k9zz

This list (released November 13, 1984) shows the last call sign in each group to be assigned for each district, as of the first of November 1984.

Radio District	Group A Extra	Group B Advanced	Group C Tech/Gen	Group D Novice
0	NI0M	KD0SZ	N0FUC	KA0TP6
1	KX1D	KR1PS	N1D6X	KA1MET
2	N62V	KD2JM	N2FEO	KA2WCA
3	KU3J	KC3PD	N3ECJ	KA3N6S
4	AA4FW	KI4UQ	N4KYW	KB4LVH
5	N55S	KE5TE	N5HJX	KA5UVI
6	WC6Z	KB6LY	N6LEW	KB6GWR
7	NJ7U	KE7BD	N7G0B	KA7TYE
8	NK8A	KD8UO	N8GCC	KA8VLS
9	NC9A	KD9LM	N9EV6	KA9SDU
N. Mariana Is.	AH0D	AH0AC	KH0AB	WH0AAG
Guam	AH2T	AH2BA	KH2BR	WH2AEH
Johnston Is.	AH3A	AH3AC	KH3AB	WH3AAC
Midway Is.	AH4AA	AH4AA	KH4AD	WH4AAF
Hawaii	WH6U	AH6FR	NH6CK	WH6BSE
Kure Is.			KH7AA	
Amer. Samoa	AH8B	AH8AB	KH8AD	WH8AAD
Wake Wilkes Peale		AH9AB	KH9AB	WH9AAB
Alaska		AL7GG	NL7EL	WL7REX
Virgin Is.	KP2L	KP2AT	NP2BE	WP2AEB
Puerto Rico	WP4E	KP4IA	KP4LK	WP4DUH

Optimist: Cheer up. There's always a light at the end of the tunnel.

Pessimist: Yeah, I know, but with my luck it will probably be an oncoming train.

GEARVAKf BULLETIN USES NEW COMPUTER MACHINE

This is the second issue of the GEARVAKf Bulletin to use the new Thuringula 1000 computer recently installed in the GEARVAKf Headquarters Computer Center. The Thuringula 1000 lends itself well to the editing and layout of the Bulletin Stories. In preparing the Bulletin we use several programs. First is StupidStar, which is employed solely to insure that the margins are straight on both sides of the page.

Then, to make sure no spelling errors creep into Bulletin copy, we check all written material with a spelling program called StupidSpeller. Incorporated in the StupidSpeller program is CensorDirt, a feature which eliminates all offensive four letter words automatically, and substitutes more suitable expressions.

For instance, the following sentence was originally typed using offensive, four-letter words but was cleaned up by the Thuringula 1000 using the StupidSpeller CensorDirt feature: "I see the gosh-darned Internal Revenue Beeswaxers have fouled up the Goll-danged Misery-loving form 1040 again!" It takes a special executive override commands in order to include such innocuous expressions as damn, hell, or flam.

Asked if he thought the new computer programs were a help in producing the newsletter, the GEARVAKf Bulletin editor replied, "You're hell right, those damners who don't think we can work with computers can go to flam." All editorial material in the GEARVAKf Bulletin is now stored magnetically, either on quarter inch FloppyTape or the new disk storage units called StickyDisks. That way, anything ever appearing in the GEARVAKf Bulletin can be recalled and reprinted any time, over and over and over and over and over and.....

Business card ads are now being taken for 1985. If you or your firm are interested in contacting the many active Amateurs who receive Badger State Smoke Signals, please contact Ken Ebnetter, K9EN. These ads are the reason we are able to deliver Smoke Signals at the low rate we offer. If you are in need of the products or services offered by our advertisers, we urge you to give them consideration when you are shopping.

Finally, the BSSS staff wishes the very best of seasons greetings to each and every one of our readers.

BADGER STATE SMOKE SIGNALS
PRICE INCREASE

FIRST THE BAD NEWS:

Due to increasing production costs, and anticipated postal rate increases, we unfortunately find it necessary to increase our subscription rates for Badger State Smoke Signals.

The new rates for 1985 are:

Subscriptions:

1 year	\$ 7.50
2 year	13.00
3 year	19.00

In addition to the above individual subscriptions, the following "Club Rates" are available:

Subscribing members of club only, 20 or more subscriptions: \$4.50 per year

All members of a club:

Less than 50 members	\$4.20 per year
50 or more members	\$3.60 per year

(Above rates must include all members of a club. We will also include up to 15% additional complimentary mailings at no extra cost to the club.)

Advertising rates:

Commercial:

"Business Card"	\$36.00 per year
Flyer insertion	.07 each

Other commercial advertising - rates negotiable.

Hamfest/Swapfest:

"Business Card"	\$30.00 per year
Flyer insertion	.05 each
(no charge for "Business Card" advertiser, printing available at cost.)	

NOW FOR THE GOOD NEWS

Individual subscriptions will still be accepted at the old rate until January 1, 1985.

You can SUBSCRIBE OR RENEW at the old rate for up to three years. Just use the form on the back of the mailing cover with this issue.